

### 301.3 - Electrophoretic Mobility, E (suspension form)

SRM 1980 is intended for use in the calibration and evaluation of equipment used to measure electrophoretic mobility. It consists of a goethite suspension saturated with phosphate in a sodium perchlorate electrolyte solution.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Property Certified
1980	Positive Electrophoretic Mobility	500 mg/L	+ $\mu\text{E}$ , 2.53 $\mu\text{m} \cdot \text{cm/V} \cdot \text{s}$

Certified values are normal font.

Reference values are italicized.

Values in parentheses are for information only.